

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO.	APPLICATION NO.
	04983.0015.US01/38-21 (15089)B	To Be Assigned 09/237,183
	APPLICANT	
	Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
	January 26, 1999	To Be Assigned 1631


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AAI						
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	AJI						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	ALI						Yes No
	AMI						Yes No
	ANI						Yes No
	AOI						Yes No
	API						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	1	Entrez, Accession No. A32505 (July 2, 1996)
↓	AS	1	Entrez, Accession No. I567456 (July 2, 1996)
↓	AT	1	Boles <i>et al.</i> , Entrez, Accession No. X90861 (July 17, 1996)

EXAMINER	DATE CONSIDERED
	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	January 26, 1999	To Be Assigned


U.S. PATENT DOCUMENTS

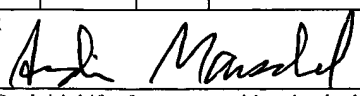
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	Boles <i>et al.</i> , Entrez, Accession No. 1085116 (July 17, 1996)
	AS	<u>2</u>	Carlisle <i>et al.</i> , Entrez, Accession No. M55191 J05629 (March 7, 1995)
	AT	<u>2</u>	Carlisle <i>et al.</i> , Entrez, Accession No. 169540 (March 7, 1995)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Chipra, Entrez, Accession No. 16284 (April 7, 1993)
	AS	<u>3</u>	Chipra, Entrez, Accession No. X53058 (April 7, 1993)
	AT	<u>3</u>	De Graaff <i>et al.</i> , Entrez, Accession No. Z79690 (March 1, 1997)

EXAMINER	DATE CONSIDERED
<i>Ali Masoud</i>	7-12-02
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM4						Yes No
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	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	<u>4</u>	De Graaff, Entrez, Accession No. 1865665 (March 1, 1997)
↓	AS	<u>4</u>	Doehlert <i>et al.</i> , "Enzymes of Sucrose and Hexose Metabolism in Developing Kernels of Two Inbreds of Maize," <i>Plant Physiol.</i> 86:1013-1019 (1988)
↓	AT	<u>4</u>	Echeverria <i>et al.</i> , "Involvement of Sucrose Synthase in Sucrose Catabolism," <i>Phytochemistry</i> , 23(10):2173-2178 (1984)

EXAMINER	DATE CONSIDERED
<i>Adin Massey</i>	7-12-02

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL5						Yes No
	AM5						Yes No
	AN5						Yes No
	AO5						Yes No
	AP5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Echeverria <i>et al.</i> , "Physical and Kinetic Evidence for an Association Between Sucrose-Phosphate Synthase and Sucrose-Phosphate Phosphatase," <i>Plant Physiol.</i> 115 :223-227 (1997)
	AS	<u>5</u>	Edwards <i>et al.</i> , "Metabolism of UDP-Glucose by Developing Embryos of Round and Wrinkled Varieties of <i>Pisum Sativum</i> ," <i>Phytochemistry</i> , 25 (9):2033-2039 (1986)
	AT	<u>5</u>	Federspiel <i>et al.</i> , Entrez, Accession No. AC002396 (February 4, 1998)

EXAMINER	DATE CONSIDERED
<i>Ardin Mansley</i>	<i>7-12-02</i>

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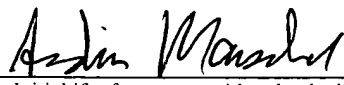
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	AO6						Yes No
	AP6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	Federspiel <i>et al.</i> , Entrez, Accession No. 2829890 (February 4, 1998)
	AS	<u>6</u>	Fink <i>et al.</i> , "The Electronic Gene Register," <i>Plant Physiol.</i> , 108 :1341-1343 (1994)
	AT	<u>6</u>	Fink <i>et al.</i> , Entrez, Accession No. X84230 (August 15, 1997)

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL7						Yes No
	AM7						Yes No
	AN7						Yes No
	AO7						Yes No
	AP7						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	<u>1</u>	Fink <i>et al.</i> , Entrez, Accession No. 1174336 (August 15, 1997)
	AS	<u>1</u>	Hers <i>et al.</i> , "Fructose 2,6-Bisphosphate 2 Years After its Discovery," <i>Biochem. J.</i> , 206:1-12 (1982)
	AT	<u>1</u>	Huang <i>et al.</i> , Entrez, Accession No. L32898 (December 1, 1995)

EXAMINER	<i>Adin Mansour</i>	DATE CONSIDERED	7-12-02
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL8						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>8</u>	Huang <i>et al.</i> , Entrez, Accession No. 1100217 (December 1, 1995)
	AS	<u>8</u>	Huber, "Biochemical Mechanism for Regulation of Sucrose Accumulation in Leaves during Photosynthesis," <i>Plant Physiol.</i> , 91:656-662 (1989)
	AT	<u>8</u>	Huber <i>et al.</i> , "Role of Sucrose-Phosphate Synthase in Sucrose Metabolism in Leaves," <i>Plant Physiol.</i> , 99:1275-1278 (1992)

EXAMINER	DATE CONSIDERED
<i>Andi Marsley</i>	7-12-02

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	AL9						Yes No
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	AN9						Yes No
	AO9						Yes No
	AP9						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<div style="font-size: 2em; margin: 0;">AM</div> <div style="font-size: 2em; margin: 0;">↓</div> <div style="font-size: 2em; margin: 0;">b</div>	AR	2	Jang <i>et al.</i> , Entrez, Accession No. U28215 (March 21, 1997)
	AS	2	Jang <i>et al.</i> , Entrez, Accession No. 1899025 (March 20, 1997)
	AT	2	Karuppiyah <i>et al.</i> , "Purification and Characterization of Soluble (Cytosolic) and Bound (Cell Wall) Isoforms of Invertases in Barley (<i>Hordeum vulgare</i>) Elongating Stem Tissue," <i>Plant Physiol.</i> 91:993-998 (1989)

EXAMINER	DATE CONSIDERED
<div style="font-size: 1.5em; margin: 0;">Am</div> <div style="font-size: 1.5em; margin: 0;">↓</div> <div style="font-size: 1.5em; margin: 0;">b</div>	7-12-02

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AP10						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>10</u>	Katsube <i>et al.</i> , Entrez, Accession No. D00667 (January 17, 1992)
	AS	<u>10</u>	Katsube <i>et al.</i> , Entrez, Accession No. 218001 (January 17, 1992)
	AT	<u>10</u>	Kim <i>et al.</i> , Entrez, Accession No. AF050129 (January 2, 1999)

EXAMINER	<i>Adin Maschay</i>	DATE CONSIDERED	7-12-02
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FORM PTO-1449
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04983.0015.US01/38-21 (15089)B

APPLICATION NO.

To Be Assigned

APPLICANT

Nordine CHEIKH *et al.*

FILING DATE

January 26, 1999

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM11						Yes No
	AN11						Yes No
	AO11						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Kim <i>et al.</i> , Entrez, Accession No. 4105721 (July 10, 1998)
	AS	11	Lunn <i>et al.</i> , "Apparent Equilibrium Constant and Mass-Action Ratio for Sucrose-Phosphate Synthase in Seeds of <i>Pisum Sativum</i> ," <i>Biochem. J.</i> , 267:739-743 (1990)
	AT	11	Manjunath <i>et al.</i> , "Molecular and Biochemical Characterization of Cytosolic Phosphoglucumutase in Maize," <i>Plant Physiol.</i> , 117:997-1006 (1998)

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AN12						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>12</u>	Manjunath <i>et al.</i> , Entrez, Accession No. U89342 (August 6, 1998)
	AS	<u>12</u>	Manjunath <i>et al.</i> , Entrez, Accession No. 3294469 (August 6, 1998)
	AT	<u>12</u>	Markham <i>et al.</i> , Entrez, Accession No. AF041848 (June 2, 1998)

EXAMINER		DATE CONSIDERED	7-12-02
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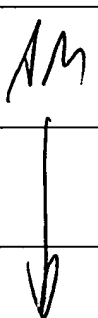
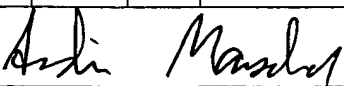
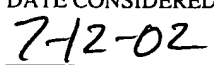
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	AO13						Yes No
	AP13						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	<u>13</u>	Markham <i>et al.</i> , Entrez, Accession No. 3170230 (January 9, 1998)
↓	AS	<u>13</u>	Mertens <i>et al.</i> , Entrez, Accession No. AF044973 (April 2, 1998)
↓	AT	<u>13</u>	Mertens <i>et al.</i> , Entrez, Accession No. 3005083 (April 1, 1998)

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	AR	<u>14</u>	Moore <i>et al.</i> , Entrez, Accession No. AF037440 (December 24, 1997)				
	AS	<u>14</u>	Moore <i>et al.</i> , Entrez, Accession No. 2708662 (December 15, 1997)				
	AT	<u>14</u>	Rea <i>et al.</i> , "Vacuolar H ⁺ -Translocating Pyrophosphatases: A New Category of Ion Translocase," <i>TIBS</i> , pp. 348-353 (1992)				
EXAMINER					DATE CONSIDERED		
							
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL15						Yes No
	AM15						Yes No
	AN15						Yes No
	AO15						Yes No
	AP15						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>15</u>	Robertson <i>et al.</i> , "Regulation of the enzymes of UDP-Sugar Metabolism During Differentiation of French Bean," <i>Phytochemistry</i> , 39(1):21-28 (1995)
	AS	<u>15</u>	Rodriguez-Suarez <i>et al.</i> , Entrez, Accession No. 289367 (December 11, 1997)
	AT	<u>15</u>	Rodriguez-Suarez <i>et al.</i> , Entrez, Accession No. L15303 (December 11, 1997)

EXAMINER		DATE CONSIDERED	7-12-02
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.	APPLICATION NO.
	04983.0015.US01/38-21 (15089)B	To Be Assigned
	APPLICANT	
	Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
	January 26, 1999	To Be Assigned


U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA16						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL16						Yes No
	AM16						Yes No
	AN16						Yes No
	AO16						Yes No
	AP16						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	Salvucci <i>et al.</i> , Entrez, Accession No. L04803 (July 27, 1994)
	AS	<u>16</u>	Salvucci <i>et al.</i> , Entrez, Accession No. 170147 (July 27, 1994)
	AT	<u>16</u>	Sarafian <i>et al.</i> , Entrez, Accession No. M81892 (March 23, 1992)

EXAMINER		DATE CONSIDERED	7-12-02
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				04983.0015.US01/38-21 (15089)B		To Be Assigned	
				APPLICANT Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA17						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL17						Yes No
	AM17						Yes No
	AN17						Yes No
	AO17						Yes No
	AP17						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>17</u>	Sarafian <i>et al.</i> , Entrez, Accession No. 166634 (March 23, 1992)
	AS	<u>17</u>	Sato <i>et al.</i> , "characterization and Sequence Analysis of the <i>scrA</i> Gene Encoding Enzyme II ^{Scr} of the <i>Streptococcus mutans</i> Phosphoenolpyruvate-Dependent Sucrose Phosphotransferase System," <i>Journal of Bacteriology</i> , 171 (1):263-271 (January 1989)
	AT	<u>17</u>	Sato <i>et al.</i> , Entrez, Accession No. D13175 (November 8, 1994)

EXAMINER	DATE CONSIDERED
	7-12-02

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				Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL18						Yes No
	AM18						Yes No
	AN18						Yes No
	AO18						Yes No
	AP18						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>18</u>	Sato <i>et al.</i> , Entrez, Accession No. 565285 (November 8, 1994)
	AS	<u>18</u>	Sicher <i>et al.</i> , "Possible Control of Maize Leaf Sucrose-Phosphate Synthase Activity by Light Modulation," <i>Plant Physiol.</i> , 79:695-698 (1985)
	AT	<u>18</u>	Stitt, "Fructose-2,6-Bisphosphate as a Regulatory Molecule in Plants," <i>Annu. Rev. Plant. Physiol. Plant Mol. Biol.</i> , 41:153-185 (1990)

EXAMINER	DATE CONSIDERED
	<u>7-12-02</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT			
				Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL19						Yes No
	AM19						Yes No
	AN19						Yes No
	AO19						Yes No
	AP19						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>19</u>	Stitt <i>et al.</i> , "Coarse Control of Sucrose-Phosphate Synthase in Leaves: Alterations of the Kinetic Properties in Response to the Rate of Photosynthesis and the Accumulation of Sucrose," <i>Planta</i> , 174 :217-230 (1988)
	AS	<u>19</u>	Turner <i>et al.</i> , "Hexokinase II of Pea Seeds," <i>Plant Physiol.</i> , 68 :1123-1127 (1981)
	AT	<u>19</u>	Worrell <i>et al.</i> , "Expression of a Maize Sucrose Phosphate Synthase in Tomato Alters Leaf Carbohydrate Partitioning," <i>The Plant Cell</i> , 3 :1121-1130 (October 1991)




EXAMINER	DATE CONSIDERED
	7-12-02

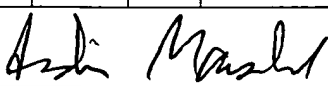
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL20						Yes No
	AM20						Yes No
	AN20						Yes No
	AO20						Yes No
	AP20						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>20</u>	Xu <i>et al.</i> , "the <i>Ivr 1</i> Gene for Invertase in Maize," <i>Plant Physiol.</i> , 108 :1293-1294 (1995)
	AS	<u>20</u>	Xu <i>et al.</i> , Entrez, Accession No. U16123 (December 16, 1995)
	AT	<u>20</u>	Xu <i>et al.</i> , Entrez, Accession No. 1122439 (December 14, 1995)

EXAMINER 	DATE CONSIDERED 7-12-02
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				Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL21						Yes No
	AM21						Yes No
	AN21						Yes No
	AO21						Yes No
	AP21						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>21</u>	Xu <i>et al.</i> , Entrez, Accession No. 169821 (May 31, 1994)
	AS	<u>21</u>	Xu <i>et al.</i> , Entrez, Accession No. M87064 (May 31, 1994)
	AT	<u>21</u>	Yano <i>et al.</i> , Entrez, Accession No. D16292 (January 5, 1994)

EXAMINER	DATE CONSIDERED

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				Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL22						Yes No
	AM22						Yes No
	AN22						Yes No
	AO22						Yes No
	AP22						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>22</u>	Yano <i>et al.</i> , Entrez, Accession No. 303849 (January 5, 1994)
	AS	<u>22</u>	Zimmermann <i>et al.</i> , "Purification and Properties of Spinach Leaf Cytoplasmic Fructose-1,6-Bisphosphatase," <i>The Journal of Biological Chemistry</i> , 253(17):5952-5956 (September 10, 1978)
	AT	<u>22</u>	

EXAMINER	DATE CONSIDERED
	7-12-02

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.	APPLICATION NO.
	04983.0015.US01/38-21(15089)B	09/237,183
	APPLICANTS Nordine CHEIKH <i>et al.</i>	
FILING DATE		GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL23					Yes No
	AM23					Yes No
	AN23					Yes No
	AO23					Yes No
	AP23					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	23	Black <i>et al.</i> , "Regulation and Roles for Alternative Pathways of Hexose Metabolism in Plants," <i>Physiol. Plantarum</i> , 69:387-394 (1987)
↓	AS	23	Carlisle <i>et al.</i> , "Pyrophosphate-Dependent Phosphofructokinase," <i>J. Biol. Chem.</i> , 265:18366-18371 (1990)
↓	AT	23	Chopra <i>et al.</i> , "Cloning and Sequencing of the <i>Arabidopsis</i> Aldolase Gene," <i>Plant Mol. Biol.</i> , 15:517-520 (1990)

EXAMINER	DATE CONSIDERED
Arli Masahay	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO.		APPLICATION NO.	
				04983.0015.US01/38-21(15089)B		09/237,183	
				APPLICANTS Nordine CHEIKH <i>et al.</i>			
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January 26, 1999				To Be Assigned			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL24						Yes No
	AM24						Yes No
	AN24						Yes No
	AO24						Yes No
	AP24						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AM	AR	24	Dennis and Greyson, "Fructose 6-Phosphate Metabolism in Plants," <i>Physiol. Plantarum</i> , 69:395-404 (1987)
↓	AS	24	Fahrendorf and Beck, "Cytosolic and Cell-Wall-Bound Acid Invertases from Leaves of <i>Urtica dioica</i> L.: A Comparison," <i>Planta</i> , 180:237-244 (1990)
↓	AT	24	Huber and Akazawa, "A Novel Sucrose Synthase Pathway for Sucrose Degradation in Cultured Sycamore Cells," <i>Plant Physiol.</i> , 81:1008-1013 (1986)

EXAMINER 	DATE CONSIDERED 7-12-02
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	APPLICANTS Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL25						Yes No
	AM25						Yes No
	AN25						Yes No
	AO25						Yes No
	AP25						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	25	Jang <i>et al.</i> , "Hexokinase as a Sugar Sensor in Higher Plants," <i>Plant Cell</i> , 9:5-19 (1997)
↓	AS	25	Katsube <i>et al.</i> , "UDP-Glucose Pyrophosphorylase from Potato Tuber: cDNA Cloning and Sequencing," <i>J. Biochem.</i> , 108:321-326 (1990)
↓	AT	25	Kirkland and Turner, "Nucleoside Diphosphokinase of Pea Seeds," <i>Biochem. J.</i> , 72:716-720 (1959)

EXAMINER	Ardin Manaluy	DATE CONSIDERED	7-12-02
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	January 26, 1999	To Be Assigned

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL26						Yes No
	AM26						Yes No
	AN26						Yes No
	AO26						Yes No
	AP26						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>26</u>	Mertens <i>et al.</i> , "The Pyrophosphate-Dependent Phosphofructokinase of the Protist, <i>Trichomonas vaginalis</i> , and the Evolutionary Relationships of Protist Phosphofructokinases," <i>J. Mol. Evol.</i> , 47:739-750 (1998)
	AS	<u>26</u>	Rodriguez-Suarez and Wolosiuk, "High Level Expression in <i>Escherichia coli</i> , Purification and Properties of Chloroplast Fructose-1,6-Bisphosphatase from Rapeseed (<i>Brassica napus</i>) Leaves," <i>Photosyn. Res.</i> , 46:313-322 (1995)
	AT	<u>26</u>	Salvucci and Klein, "Identification of the Uridine-Binding Domain of Sucrose-Phosphate Synthase," <i>Plant Physiol.</i> , 102:529-536 (1993)

EXAMINER		DATE CONSIDERED	7-12-02
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	APPLICANTS Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL27						Yes No
	AM27						Yes No
	AN27						Yes No
	AO27						Yes No
	AP27						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	Sarafian <i>et al.</i> , "Molecular Cloning and Sequence of cDNA Encoding the Pyrophosphate-Energized Vacuolar Membrane Proton Pump of <i>Arabidopsis thaliana</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 89:1775-1779 (1992)
	AS	<u>27</u>	Vincente and Errington, "Structure, Function and Controls in Microbial Division," <i>Mol. Microbiol.</i> , 20:1-7 (1996)
	AT	<u>27</u>	Xu and Hall, "Cytosolic Triosephosphate Isomerase is a Single Gene in Rice," <i>Plant Physiol.</i> , 101:683-687 (1993)

EXAMINER	DATE CONSIDERED
<i>Ardin Masah</i>	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	APPLICANTS	
	Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL28						Yes No
	AM28						Yes No
	AN28						Yes No
	AO28						Yes No
	AP28						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	28	Yano <i>et al.</i> , "Molecular Cloning and Nucleotide Sequence cDNA Encoding Nucleoside Diphosphate Kinase of Rice (<i>Oryza sativa</i> L.)," <i>Plant Mol. Biol.</i> , 23:1087-1090 (1993)
	AS	28	
	AT	28	

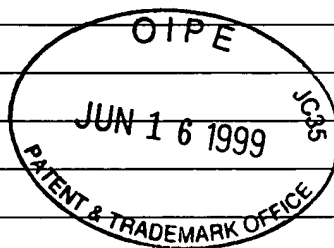
EXAMINER	DATE CONSIDERED
<i>John Mascher</i>	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	04983.0015.US01/38-21(15089)B	09/237,183
	APPLICANTS	
	Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL29						Yes No
	AM29						Yes No
	AN29						Yes No
	AO29						Yes No
	AP29						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	29	Adams <i>et al.</i> , "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project," <i>Science</i> , 252:1651-1656 (June 21, 1991).
↓	AS	29	Ebert <i>et al.</i> , "Identification of an Essential Upstream Element in the Nopaline Synthase Promoter by Stable and Transient Assays," <i>Proc. Natl. Acad. Sci.</i> , 84:5745-5749 (August 1987).
↓	AT	29	Efstratiadis <i>et al.</i> , "Enzymatic <i>In Vitro</i> Synthesis of Globin Genes," <i>Cell</i> , 7:279-288 (February 1976).

EXAMINER	DATE CONSIDERED
Arden Marshall	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO.		APPLICATION NO.	
				04983.0015.US01/38-21(15089)B		09/237,183	
				APPLICANTS			
				Nordine CHEIKH <i>et al.</i>			
FILING DATE				GROUP			
January 26, 1999				1649			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA30						
	AB30						
	AC30						
	AD30						
	AE30						
	AF30						
	AG30						
	AH30						
	AI30						
	AJ30						
	AK30						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL30						Yes No
	AM30						Yes No
	AN30						Yes No
	AO30						Yes No
	AP30						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AM	AR	30	Ko, "An 'Equalized cDNA Library' by the Reassociation of Short Double-Stranded cDNAs," <i>Nucleic Acids Research</i> , 18:5705-5711 (October 11, 1990).
↓	AS	30	Kurata <i>et al.</i> , "A 300 Kilobase Interval Genetic Map of Rice Including 883 Expressed Sequences," <i>Nature Genetics</i> , 8:362-372 (December 1994).
↓	AT	30	McCombie <i>et al.</i> , " <i>Caenorhabditis elegans</i> Expressed Sequence Tags Identify Gene Families and Potential Disease Gene Homologues," <i>Nature Genetics</i> , 1:124-131 (May 1992).

EXAMINER <i>Ardin Marahel</i>	DATE CONSIDERED <i>7-12-02</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO.	APPLICATION NO.
	04983.0015.US01/38-21(15089)B	09/237,183
	APPLICANTS	
	Nordine CHEIKH <i>et al.</i>	
	FILING DATE	GROUP
	January 26, 1999	1649

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA31					
	AB31					
	AC31					
	AD31					
	AE31					
	AF31					
	AG31					
	AH31					
	AI31					
	AJ31					
	AK31					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL31					Yes No
	AM31					Yes No
	AN31					Yes No
	AO31					Yes No
	AP31					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AM	AR	31	Okubo <i>et al.</i> , "Large Scale cDNA Sequencing for Analysis of Quantitative and Qualitative Aspects of Gene Expression," <i>Nature Genetics</i> , 2:173-179 (November 1992).
AM	AS	31	Yomo <i>et al.</i> , "Histochemical Studies on Protease Formation in the Cotyledons of Germinating Bean Seeds," <i>Planta</i> , 112:35-43 (1973).
	AT	31	

EXAMINER	DATE CONSIDERED
<i>Asli M. Mahel</i>	7-12-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

16517.228/38-21 (15089)B

APPLICATION NO.

09/237,183

APPLICANTS

NORDINE CHEIKH *et al.*

FILING DATE

January 26, 1999

GROUP ART UNIT

1631

PATENT DOCUMENTS				CLASS	SUB-CLASS	FILING DATE
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME			
AA1						
AB1						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AC1						Yes No
AD1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Am	AE	1	Venter, <i>et al.</i> , The Sequence of the Human Genome, <i>Science</i> , 291: 1304-1351 (2001)
Am	AF	1	Woese, <i>et al.</i> , Conservation of Primary Structure in 16S rRNA, <i>Nature</i> , 254: 83-86 (1975)
	AG	1	
	AH	1	
	AI	1	
	AJ	1	
	AK	1	
	AL	1	

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Aedin Massey

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7-12-02

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